

Title (en)
CLEANER NOZZLE

Title (de)
STAUBSAUGERDÜSE

Title (fr)
BUSE D'ASPIRATEUR

Publication
EP 2327347 A4 20130424 (EN)

Application
EP 09800500 A 20090429

Priority

- KR 2009002275 W 20090429
- KR 20080070454 A 20080721
- KR 20080134079 A 20081226
- KR 20080134067 A 20081226
- KR 20080134078 A 20081226

Abstract (en)
[origin: EP2327347A1] An exemplary embodiment relates to a nozzle of a cleaner, and more particularly, to a nozzle of a cleaner capable of reducing a steam generation duration by improving a structure of a steam generating device provided in the nozzle of the cleaner. The nozzle of the cleaner according to the exemplary embodiment can reduce the steam generation time and prevent water in the nozzle from being leaked to the outside.

IPC 8 full level
A47L 13/22 (2006.01); **A47L 11/34** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)
A47L 11/34 (2013.01); **A47L 11/4083** (2013.01); **A47L 11/4086** (2013.01); **A47L 13/225** (2013.01)

Citation (search report)

- [Y] KR 20020027141 A 20020413 - HAHN GYUNG HEE [KR]
- [Y] DE 3936861 A1 19910508 - HENKEL KGAA [DE]
- [A] GB 762306 A 19561128 - HOOVER LTD
- [A] WO 2008028757 A1 20080313 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] CN 2917533 Y 20070704 - LUO SHENG [CN]
- See references of WO 2010011019A1

Cited by
CN111772535A; JP2020530341A; US11622661B2; US11744429B2; US11478120B2; US11439287B2; US11096545B2; US11197595B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2327347 A1 20110601; EP 2327347 A4 20130424; EP 2327347 B1 20150401; WO 2010011019 A1 20100128

DOCDB simple family (application)
EP 09800500 A 20090429; KR 2009002275 W 20090429